

AD-A187 406

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NTIS COMPUTER PRODUCTS CATALOG DATA SHEET		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. *See box 10 DOD/SW/MT-88/008	3. SUBJECT ①
4. PRODUCT (circle one)				
DATA FILE		PUBLICATION		
DATA BASE REFERENCE SERVICE		SOFTWARE		MODEL, SIMULATION
AGENCY, BUREAU, DIVISION, AND ADDRESS ASD/SCOL Language Control Division Area B, Bldg 676 Wright-Patterson AFB OH 45433-6503				
PRODUCT NAME (Use agency nomenclature) Ada Compiler Validation Capability (ACVC) 1.9: BACKUP				
DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software, The ACVC is a suite of tests designed to test an Ada Compiler's Conformance to MIL-STD-1815A.				
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.) 10 Dec 86, Version 1.9			9. FILE SIZE IN NO. OF: REELS <u>0</u> <u>0</u> <u>1</u> PUNCHED CARDS <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank) *See also: AD-A186 391				
11. PRICE INFORMATION Price code: T99 (\$1,000) Price includes documentation: DOD/SW/MT-88/008 A				
12. GEOGRAPHIC SCOPE No restrictions				
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)				
NAME		TITLE		PHONE NO.
Steve Wilson		Mathematician		513-255-4472
14. DOCUMENTATION <input checked="" type="checkbox"/> AVAILABLE as: AD-A186 392			EXPECTED AVAILABILITY DATE	

15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A, the Ada Language Reference Manual (LRM). Version 1.9 was released in December 1986 and became the official ACVC version, replacing 1.8, in June 1987. ACVC version 1.9 will be the official version until June 1988 when it will be replaced by ACVC version 1.10. Each of the 3122 tests in the ACVC 1.9 is designed to test a single test objective specified in the Ada Implementor's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development... Software Description: The model is written in the ADA programming language for implementation on a DEC VAX-11/780 Computer using the VMS operating system. Memory requirement is 10 K bytes.

NTIS
\$ 1,000.00

A/1 21

16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ASCII character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording made by specifying density only. Call NTIS Computer Products, if you have any questions.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran _____ COBOL _____ Basic _____ Assembly _____ Other (Specify) Ada

Software requires;

CPR Mfr. DEC VAX-11/780 Model(s) _____ Operating system(s) VMS

Minimum of 10 K bytes core. The following special features and/or additional requirements in hardware:

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01 Completion Date <div style="display: flex; justify-content: space-between;"> Year Month Day </div> <div style="display: flex; justify-content: space-between;"> 8 7 1 0 2 0 </div>			02 Form Prepared By (Name and Phone) <div style="display: flex; justify-content: space-between;"> Steven P. Wilson </div>			03 Reel ID Number (Property Control No.) <div style="display: flex; justify-content: space-between;"> ACVC 1.9 Backup </div>		
04 Recording Date <div style="display: flex; justify-content: space-between;"> Year Month Day </div> <div style="display: flex; justify-content: space-between;"> 8 7 1 0 1 6 </div>			05 File Identifier or Descriptive Title <div style="display: flex; justify-content: space-between;"> Ada Compiler Validation Capability (ACVC) Version 1.9 </div>			06 Short Title (Extending Label Name) <div style="display: flex; justify-content: space-between;"> ACVC 1.9 </div>		
07 Source Unavailable <div style="display: flex; justify-content: space-between;"> Year Month Day </div> <div style="display: flex; justify-content: space-between;"> 9 2 1 2 0 1 </div>			08 Documentation <div style="display: flex; justify-content: space-between;"> Yes No Available </div> <div style="display: flex; justify-content: space-between;"> X (Enter Citation) </div>			09 File Position on Reel <div style="display: flex; justify-content: space-between;"> WHOLE TAPE </div>		
10 To Be Returned <div style="display: flex; justify-content: space-between;"> Yes No To Other Than The Sender </div> <div style="display: flex; justify-content: space-between;"> X </div>			11 Submitting Organization & Address <div style="display: flex; justify-content: space-between;"> ASD/SCOL Bldg 676 WPAFB OH 45433 </div>			12 Receiving Organization & Address <div style="display: flex; justify-content: space-between;"> U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield VA 22161 </div>		
14 Technical Contact(s) & Phone Number(s) <div style="display: flex; justify-content: space-between;"> Steve Wilson 513-255-4472 </div>								

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit <div style="display: flex; justify-content: space-between;"> DEC VAX-11/780 </div>			17. No. of Tracks <div style="display: flex; justify-content: space-between;"> 7 9 Other </div> <div style="display: flex; justify-content: space-between;"> X </div>			18. Parity <div style="display: flex; justify-content: space-between;"> Odd Even </div> <div style="display: flex; justify-content: space-between;"> X </div>		19. Density (BPI) 1600
	16. Tape Subsystem <div style="display: flex; justify-content: space-between;"> Systems Industries 1953 </div>								
RECORDING SOFTWARE	20. Operating System, Release & Version <div style="display: flex; justify-content: space-between;"> VMS </div>			22. Internal File Identifier ACVC9.BCK					
	21. Utility Program or Data Base Language <div style="display: flex; justify-content: space-between;"> Backup </div>								
23. Characters Set (Graphics) <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes </div>			24. Recorded Label (Internal Label) <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Header <input type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input checked="" type="checkbox"/> None </div>						

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical <div style="display: flex; justify-content: space-between;"> 1775 </div>		27. Record Type <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed </div>		28. Records/Block (Blocking Factor) N/A		29. TYPE OF FILE ORGANIZATION (Check One Box) <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> One File One Reel <input type="checkbox"/> One File Multiple Reels </div> <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Multiple Files One Reel <input type="checkbox"/> Multiple Files Multiple Reels </div>
	26. Logical <div style="display: flex; justify-content: space-between;"> 1 </div>						
RECORD LENGTH	30. Physical <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars <input type="checkbox"/> Words (Bits/Word) </div>						
	31. Logical <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars <input type="checkbox"/> Words (Bits/Word) </div>						

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes) <div style="display: flex; justify-content: space-between;"> Yes No </div> <div style="display: flex; justify-content: space-between;"> </div>		33. For Submitting Organization Use		

DATE 12-18-87

TO: Information Services Branch

FROM: Computer Products Support Group RT
(Init)

K.T. L.B.

RE: DOD/SW/MT-88/008 . Announce in GRA&I
(Report No.)

Priority Action is Required

Attached

- ☒ Form NTIS 231.
- ☒ Form 277
- ☒ NTIS 79
- ☒ RDP (OF 272)
- ☐ Proof Listing
- ☐ Consigned Inventory Acquisition
Form (Interagency Agreement
Number and Split)

Process for:

K File
(Data)

☐ Documentation

☐ Mag Tape

H File
(Software)

☒ Documentation

☒ Mag Tape

Action

- ☐ Loan Document Form Attached
- ☐ Defense Sponsored: Acquire ADA Number
- ☐ Order Pending. Return immediately after copying
necessary pages.

Remarks

Highlight!

Computer Products Transmittal

88

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12

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